US EPA - REGION VII SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM (START) CONTRACT CONTRACT #EP-S7-13-06

TO: Anthony LaMaster, CO

Debra Dorsey, PO

FROM: Ted Faile, PG, CHMM, START PM

DATE: 21-Apr-16

SITE: Des Moines TCE

TO #: 0144

COST SUMMARY

LABOR

Ex. 4 - CBI

EQUIPMENT

MATERIALS

SUBCONTRACTORS

OTHER DIRECT COSTS

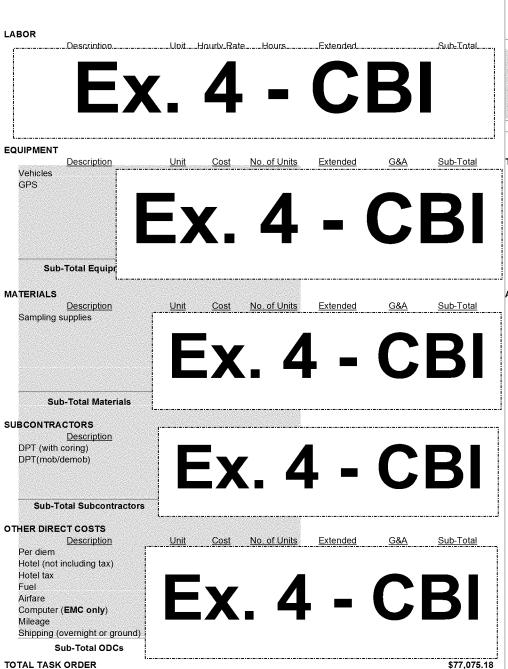
TOTAL TASK ORDER

Ex. 4 - CBI

\$77,075.18

0.00% FY16 **5.32%** FY16

SITE NAME ACTIVITY



Level of Effort by Task LOE Task 1 Task 2 Task 3 Task 4 Task 5 Task 6 Task 7 Distribution Ex. 4 - CBI Tasks Task 1: Cost Estimate for Building Demolition Task 2: Site Characterization Task 3: Human Health Risk Assessment Task 4: Remedial Alternatives for South Pond Task 5: Final Report Task 6: Reserved Task 7: Reserved Assumptions: Task 1 No grit-blasting of concrete surfaces will be required prior to demolishing the buildings Demolition equipment would not require decontamination No abatement required to address pesticides, per EPA SOW Oversight/air sampling during asbestos/PCB abatement Disposal of PCB-contaminated insulation as a RCRA haz waste Disposal of ACM as special waste Disposal of abated building material as C&D waste Task 2 QAPP (Task 2) will require 32 hours at Sen. Sci. level plus review time Site characterization will require 3 FTE (2 Junior/1 Senior) x 6 days x 10 hours/day Trip report requires 40 hours (30 Senior and 10 Junior) plus review time Task 3 Updated risk assessment looks based on subslab soil, sediment and surface water data only Recreational land use only Task 4 Evaluate three alternatives (approximately 80 hours per alternative) Prepare cost estimates for each alternative Will not include No Action Task 5 Compiliation of deliverables for Tasks 2-4